

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): VAN SCHAİK et al.  
 Appln. No.: 09 988,830  
 Series Code ↑ Serial No. 01PE JC18

Filed: November 19, 2001  
 Mail Stop Non-Fee Amendment  
 Hon. Commissioner for Patents  
 PO Box 1450  
 Alexandria, VA 22313-1450

Sir:

Group Art 2851  
 Examiner: Nguyen, Hung  
 Atty. Dkt. P 284105 P-0294.000-US  
 M# Client Ref

Appln. Title: LITHOGRAPHIC PROJECTION  
 APPARATUS, DEVICE  
 MANUFACTURING METHOD, DEVICE  
 MANUFACTURED THEREBY,  
 CLEANING UNIT AND METHOD OF  
 CLEANING CONTAMINATED  
 OBJECTS

Date: May 15, 2003

## REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

## 1. Small Entity claim

- A. ☒ NOT made  
 B. ☐ Withdrawn  
 C. ☐ made herewith  
 D. ☐ made previously
- For B & C  
 See **Required  
 Separate Paper**  
 (Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	14	**minus 20 0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	4	***minus 4 0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)..... add			+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: April 16, 2003	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$410/\$205 = \$930/\$465 = \$1,450/\$725 = \$1,970/\$985 =	+ \$110		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8.		Extension Fee	+ \$110		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....		+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), ..... add		+ \$180	+ \$0		126
or if Rule 97(d) Request ..... add		+ \$180	+ \$0		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+ \$750/370	+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b) .....		x \$750/375 ea	+ \$0		149/249
13. Request for Continued Examination (RCE) .....		+ \$750/375	+ \$0		1179/1279
14. Petition fee for .....			+ \$0		

15.

TOTAL FEE = \$110

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

PLEASE CHARGE  
OUR DEP. ACCT

Our Deposit Account No. 03-3975)

(Our Order No. 81468 284105

C# M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
 Intellectual Property Group

By Atty: Robert C. Perez

Sig:

Reg. No. 39,328

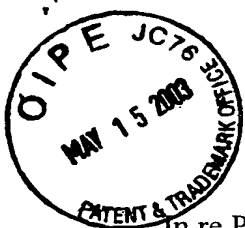
Fax: (703) 905-2500

Tel: (703) 905-2159

P.O. Box 10500  
 McLean, VA 22102  
 Tel: (703) 905-2000

Atty/Sec: RP/VVK

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



#9  
+ Reg  
Ext.  
Time  
5-21-03  
L. Spruell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

VAN SCHAIK et al.

Appln. No.: 09/988,830

Filed: November 19, 2001

Title: LITHOGRAPHIC PROJECTION APPARATUS, DEVICE MANUFACTURING METHOD, DEVICE MANUFACTURED THEREBY, CLEANING UNIT AND METHOD OF CLEANING CONTAMINATED OBJECTS

Confirmation No.: 8828

Group Art Unit: 2851

Examiner: Nguyen, Hung

Lee OK

May 15, 2003

\* \* \* \* \*

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 16, 2003, please enter the following amendments and remarks

IN THE SPECIFICATION:

Please amend paragraph [0038] as follows:

The beam PB subsequently intercepts the mask MA which is held on a mask table MT. Having been selectively reflected by the mask MA, the beam PB traverses the lens PL, which focuses the beam PB onto an exposure area C of the substrate W. With the aid of the interferometric displacement measuring means IF, the substrate table WT can be moved accurately by the second positioning means, e.g. so as to position different exposure areas C in the path of the beam PB using wafer alignment marks P1, P2. Similarly, the first positioning means can be used to accurately position the mask MA using mask alignment marks M1, M2 with respect to the path of the beam PB. In general, movement of the object tables MT, WT will be realized with the aid of a long-stroke module (course positioning) and a short-stroke module (fine positioning), which are not explicitly depicted in Figure 1. In the case of a waferstepper (as opposed to a step-and-scan apparatus) the mask table may be

a

RECEIVED  
MAY 23 2003  
TECHNOLOGY CENTER 2003

05/16/2003 HARBELR1 00000041 033975 09988830  
01 FC:1251 110.00 CH